


Lutz Drum and Container Pumps


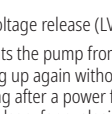


Pump tube MP-SS PURE (stainless steel) for mixing and pumping of alcoholic, highly flammable foodstuffs

Product detail	Pump tube	MP-SS MS	
	Type of impeller	Rotor	
	Category 1 / 2 (acc. to ATEX)	yes	
	Immersion tube diameter:	up to mm	41
	Temperature of medium:	up to °C	100
	Material:	Pump tube	1.4571
		Rotor	ETFE
	Hose connection:	Tri-Clamp DN	32
	Length: 1000 mm***	Order No. basic pump	0151-240
	Length: 1225 mm***	Order No. basic pump	0151-255
	Version: PURE FPM ^	Order No. additional price	0151-355
Version: PURE EPDM ^	Order No. additional price	0151-357	

^ Please choose Order No. basic pump + Order No. PURE additional price

Choice of motors Operating data

	ME II 3		Characteristic curve no.	950
	Output:	460 W 460 W	Flow rate* up to/min.	178
	Voltage:	230 V 230 V	Delivery head* up to m wc	9
	LVR.:	yes no	Viscosity** up to mPas	200
			Density**** up to kg/dm ³	1.2
	Order No.	0050-000 0050-016	Weight (kg) Motor + pump tube	9.0
	ME II 5		Characteristic curve no.	951
	Output:	580 W 580 W	Flow rate* up to/min.	190
	Voltage:	230 V 230 V	Delivery head* up to m wc	10
	LVR.:	yes no	Viscosity** up to mPas	550
			Density**** up to kg/dm ³	1.3
	Order No.	0050-001 0050-017	Weight (kg) Motor + pump tube	9.9
	ME II 7		Characteristic curve no.	952
	Output:	795 W 795 W	Flow rate* up to/min.	210
	Voltage:	230 V 230 V	Delivery head* up to m wc	13
	LVR.:	yes no	Viscosity** up to mPas	400
			Density**** up to kg/dm ³	1.4
	Order No.	0050-002 0050-018	Weight (kg) Motor + pump tube	11.1
<p>Low-voltage release (LVR): Prevents the pump from starting up again without warning after a power failure. Compulsory for explosive areas, in case no special measures are taken (e.g. remote control).</p> 	ME II 8		Characteristic curve no.	953
	Output:	930 W 930 W	Flow rate* up to/min.	216
	Voltage:	230 V 230 V	Delivery head* up to m wc	14.5
	LVR.:	yes no	Viscosity** up to mPas	650
			Density**** up to kg/dm ³	1.4
	Order No.	0050-042 0050-041	Weight (kg) Motor + pump tube	11.1
	MD1xL MD2xL		Characteristic curve no.	954
	Output:	1000 W 1000 W	Flow rate* up to/min.	245
	Operating pressure:	6 bar 6 bar	Delivery head* up to m wc	21
		infinitely variable speed	Viscosity** up to mPas	1000
			Density**** up to kg/dm ³	2.8
	Order No.	0004-725 0004-735	Weight (kg) Motor + pump tube	4.6

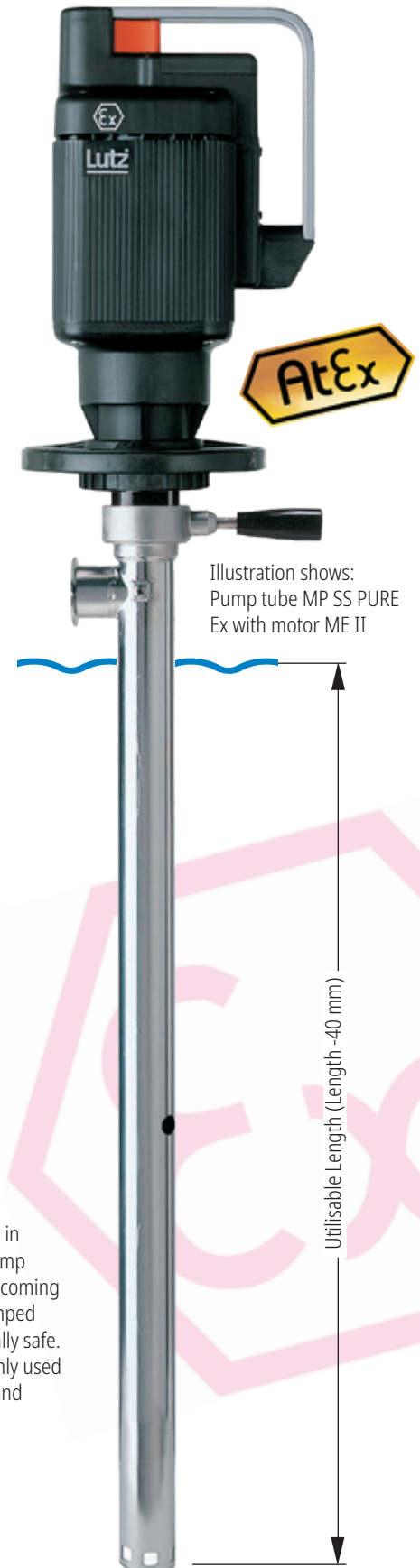
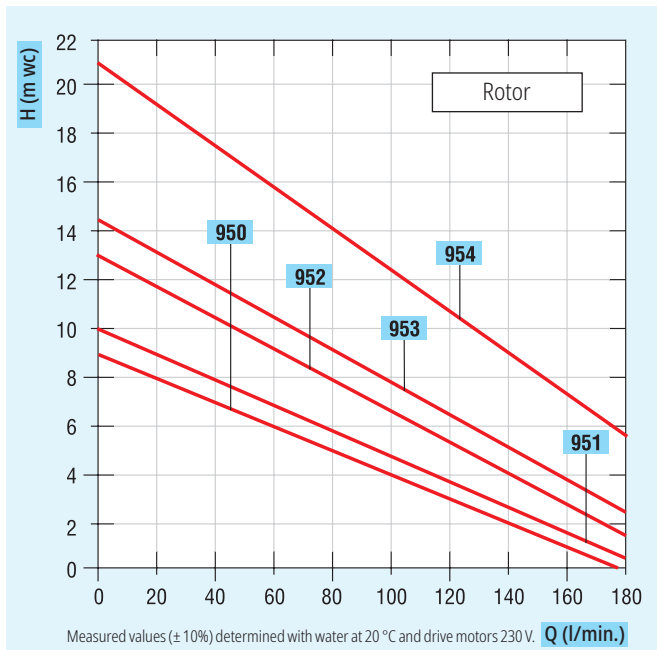
* Determined with water at 20 °C*** Special lengths 600–2500 mm on request
 ** Determined with oil
 **** Determined with 3 m hose 3/4" and open nozzle 3/4". Higher densities possible for shorter operating periods.
 Special voltages and frequencies on request.

Pump tube MP-SS PURE (stainless steel)

for mixing and pumping of alcoholic, highly flammable foodstuffs

Materials (coming into contact with the pumped medium):

Version:	MS-FPM	MS-EPDM
Housing:	stainless steel (1.4571)	stainless steel (1.4571)
Impeller:	ETFE	ETFE
Seals:	FPM, PTFE	EPDM, PTFE
Mechanical seal:	Carbon, Ceramic, PTFE, HC-4 (2.4610), stainless steel 1.4571)	Carbon, Ceramic, PTFE, HC-4 (2.4610), stainless steel 1.4571)
Bearing:	Pure Carbon	Pure Carbon
Drive shaft:	stainless steel (1.4571)	stainless steel (1.4571)



Pump tube also available in PURE version with Tri-Clamp connection. All materials coming into contact with the pumped medium are physiologically safe. The pump tubes are mainly used in the food-, cosmetics- and pharmaceutical industry.

Please remember that the flow rate is reduced as the **Viscosity** increases. The **Density** of the pumped liquid similarly affects the flow rate, though to a lesser extent.